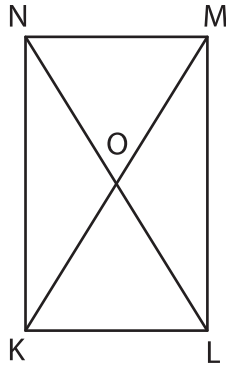


**Diagonal of a Rectangle**

Find the value of  $x$ .

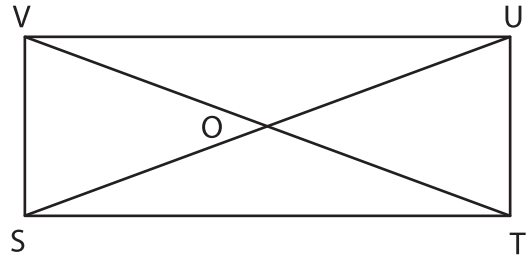
1)



$OK = (39 + x)$  ft ;  $OM = 26$  ft

$x =$  \_\_\_\_\_

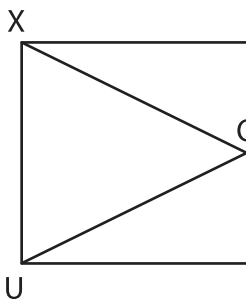
2)



$VO = (4x)$  ;  $OU = 8$  in

\_\_\_\_\_

3)



$OU = 40$  yd ;  $UW =$  \_\_\_\_\_

$x =$  \_\_\_\_\_

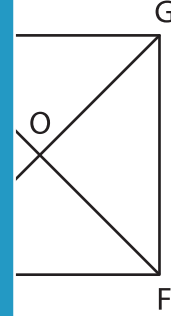
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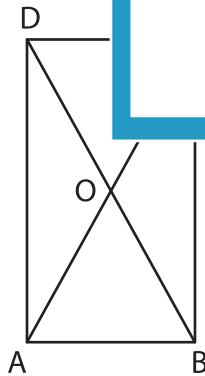
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$= (20 - 7x)$  ft

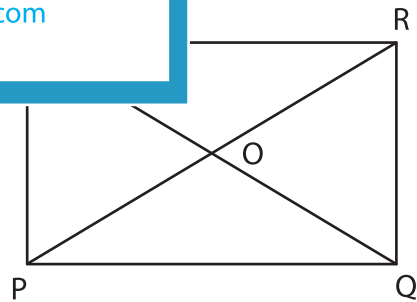
\_\_\_\_\_

5)



$BD = (6x + 8)$  in ;  $OC = 19$  in

$x =$  \_\_\_\_\_



$PR = (8x)$  yd ;  $OR = 36$  yd

$x =$  \_\_\_\_\_